

2024000240000

20241201 02246660

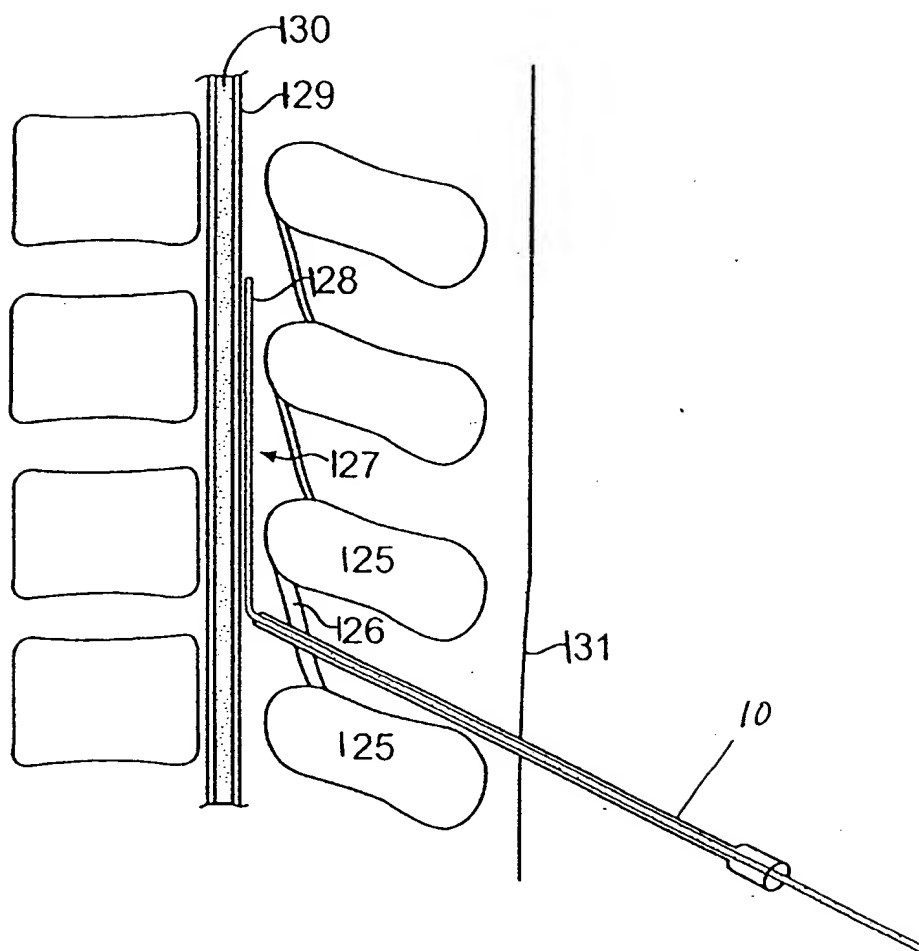


FIG. 2a

2027E0 02246660

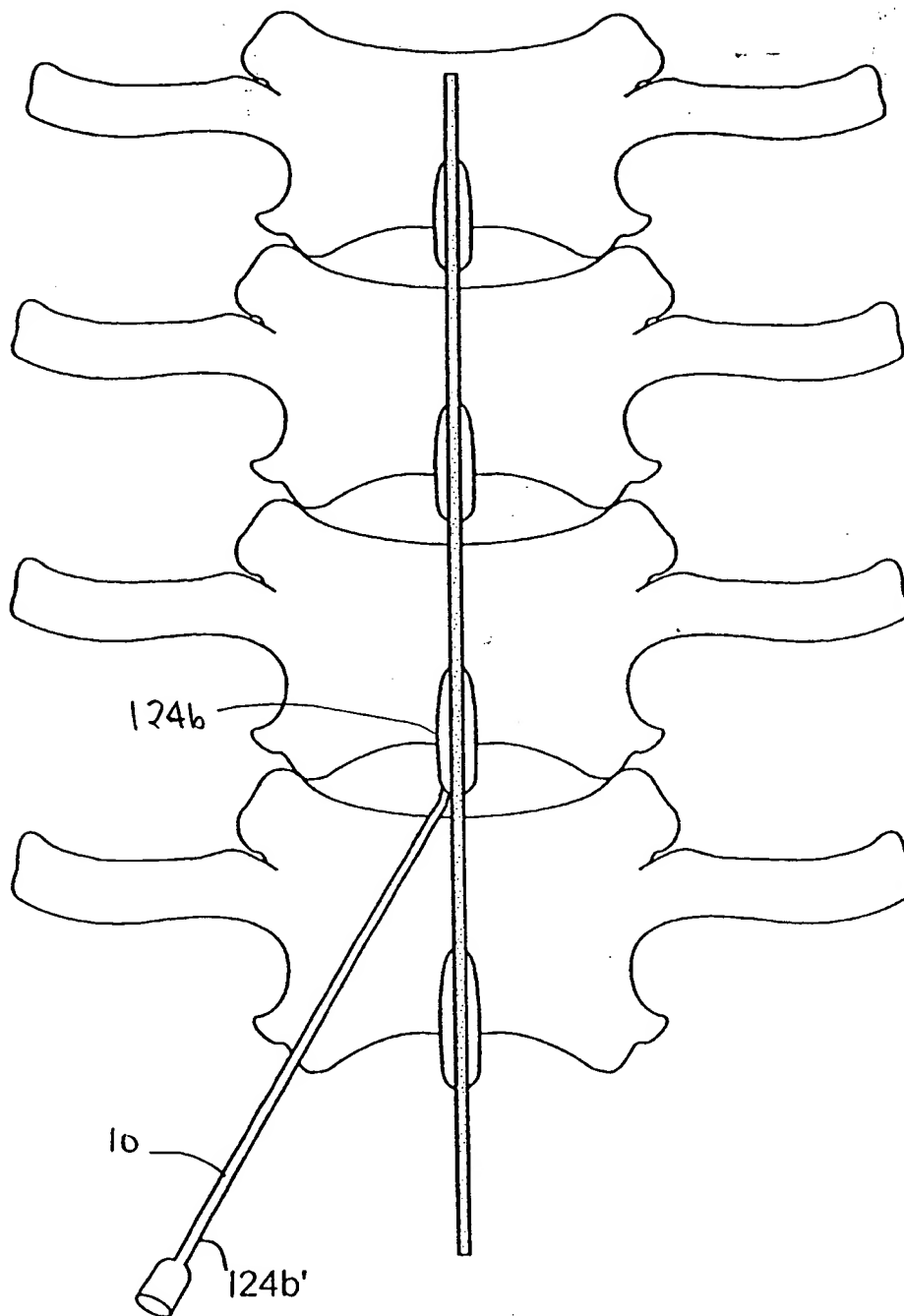


FIG. 2b

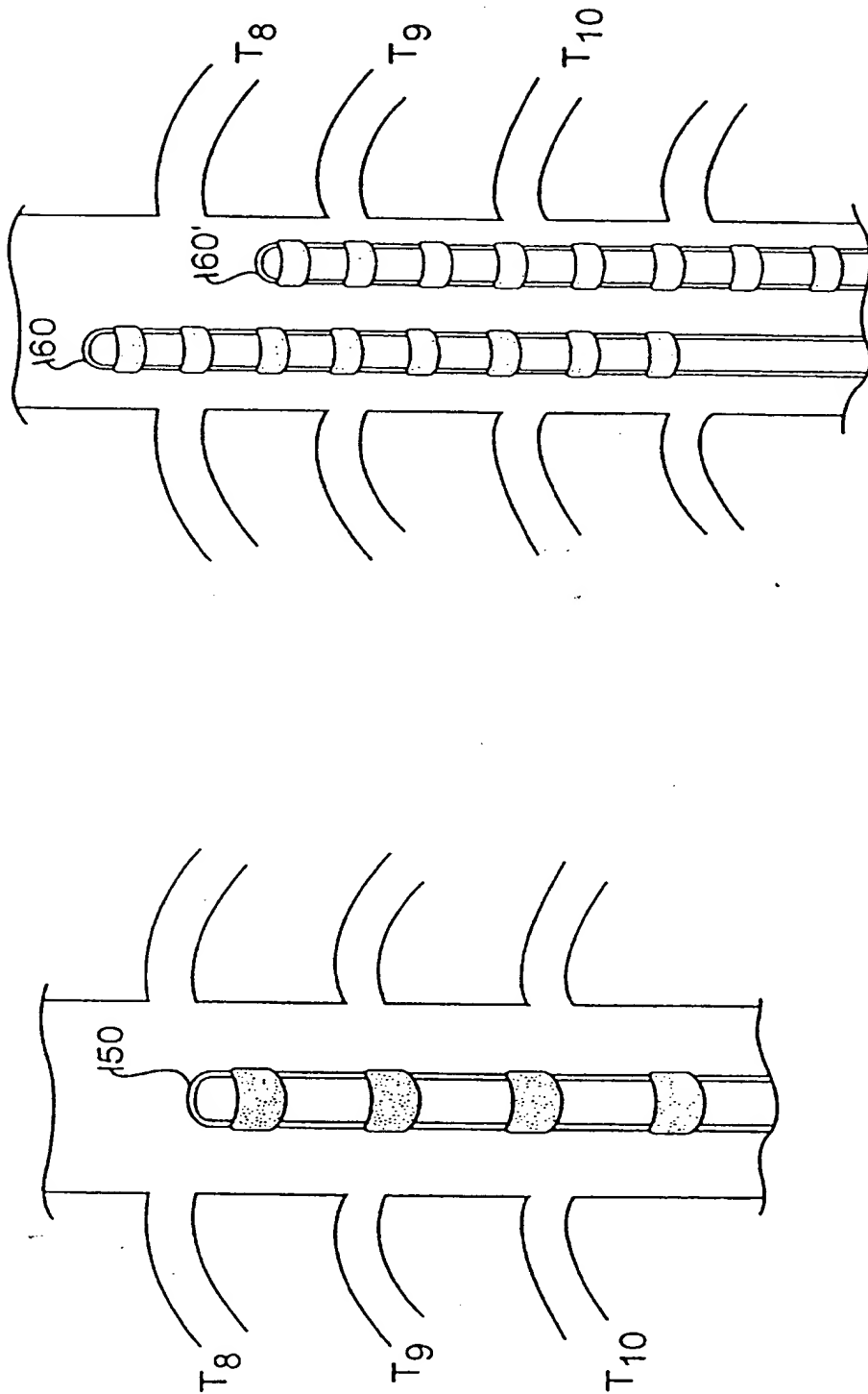


FIG. 3a

FIG. 3b

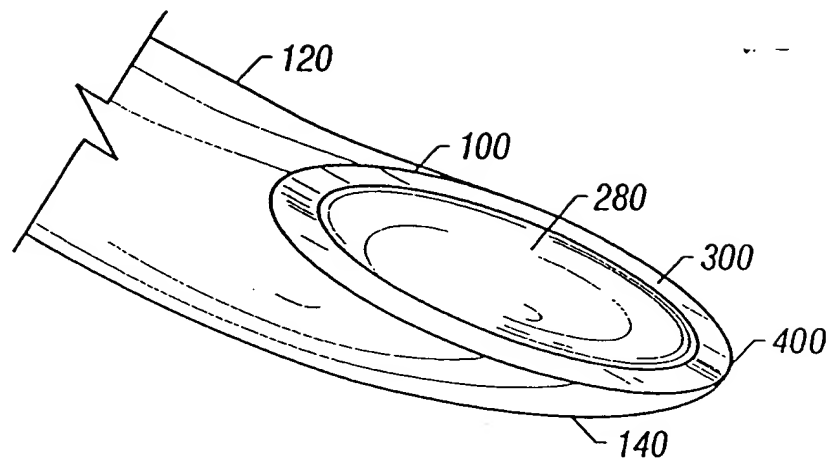


FIG. 4
(Prior Art)

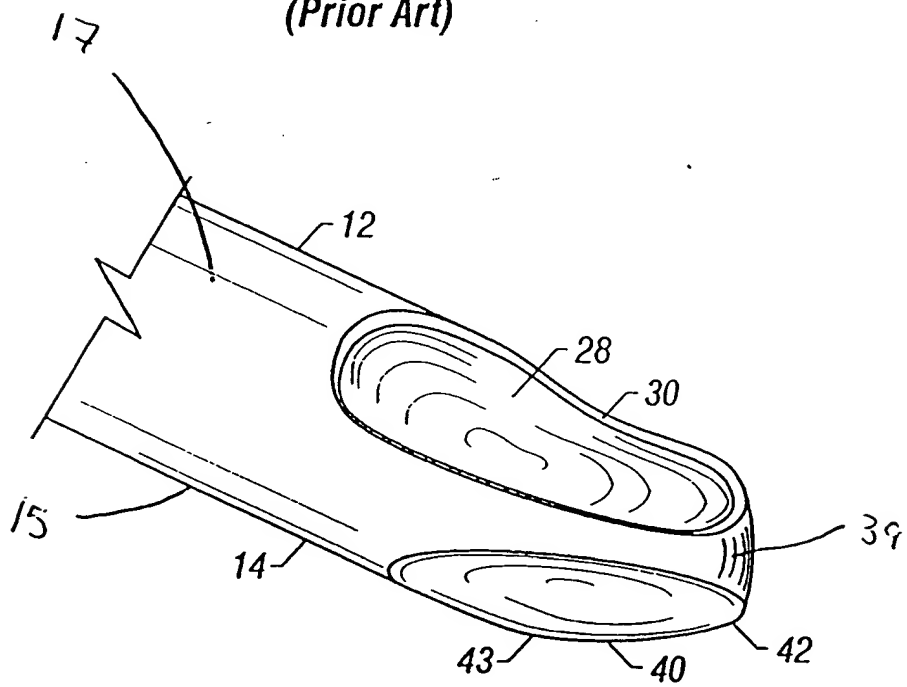


FIG. 5

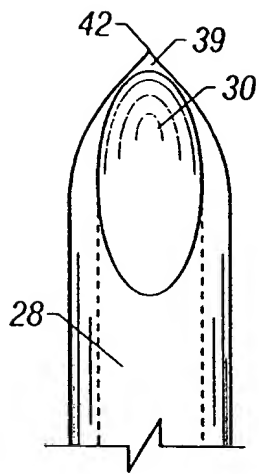


FIG. 5A

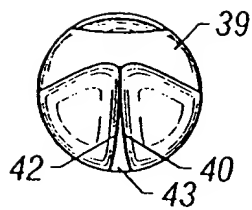


FIG. 5B

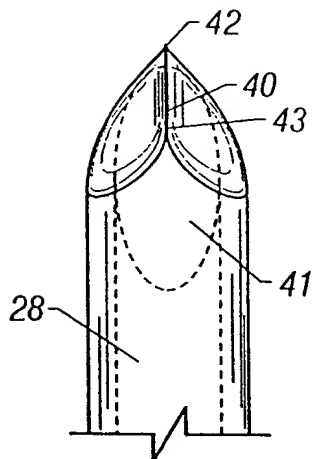


FIG. 5C

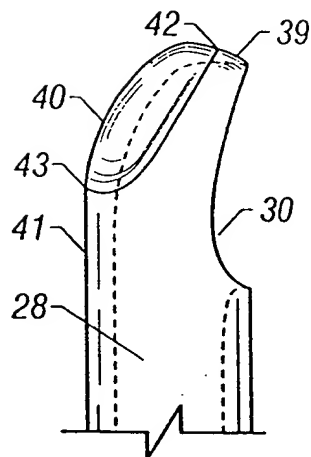


FIG. 5D

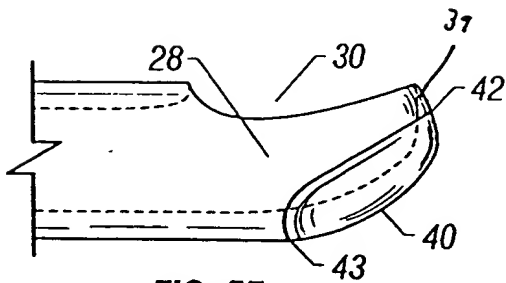


FIG. 5E

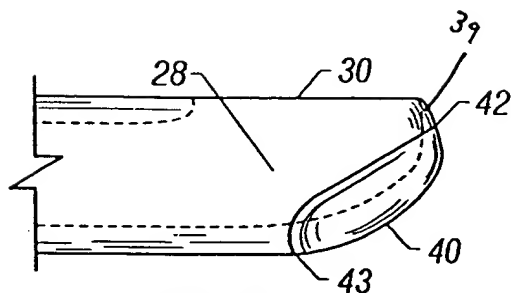


FIG. 5F

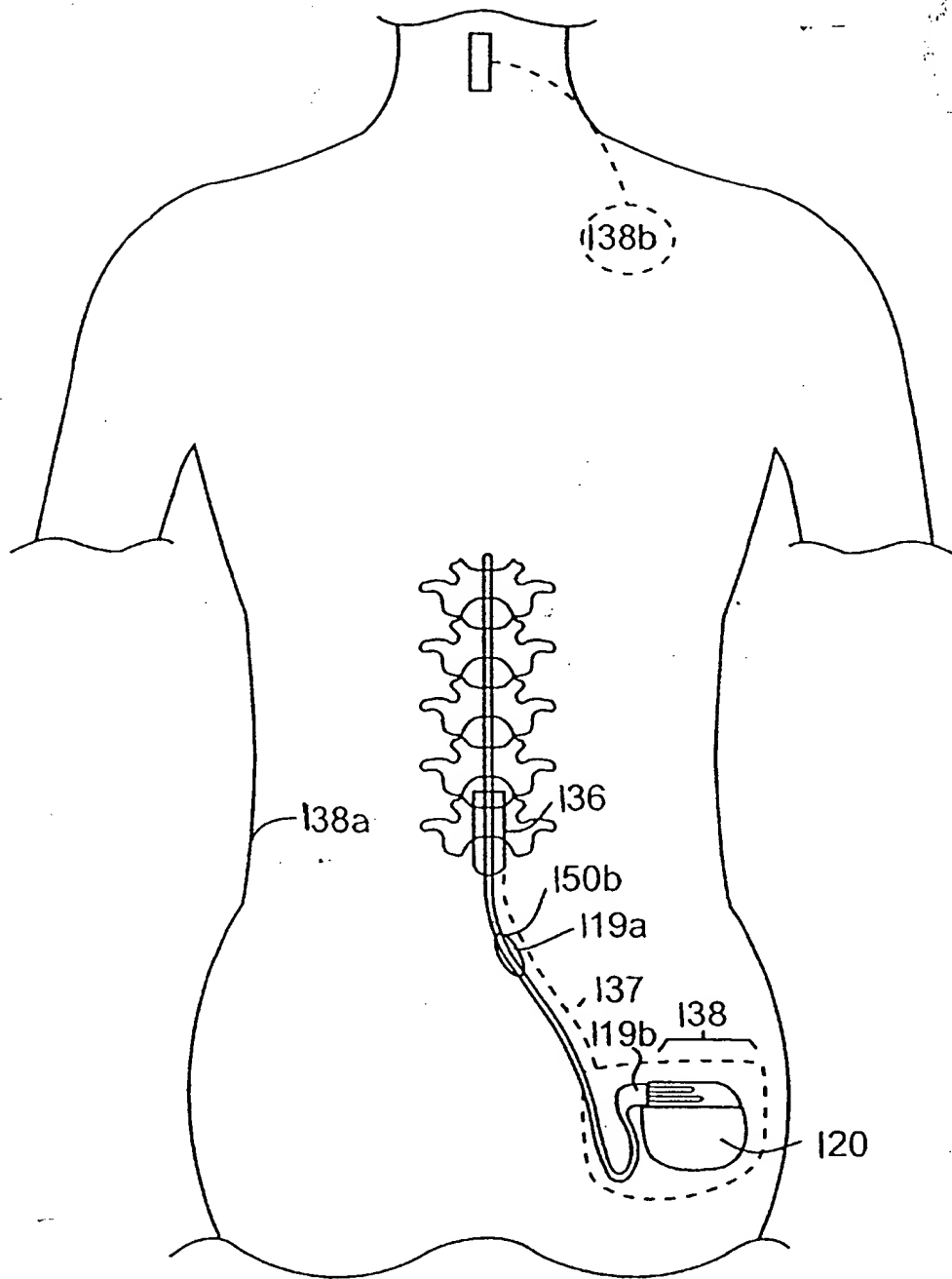
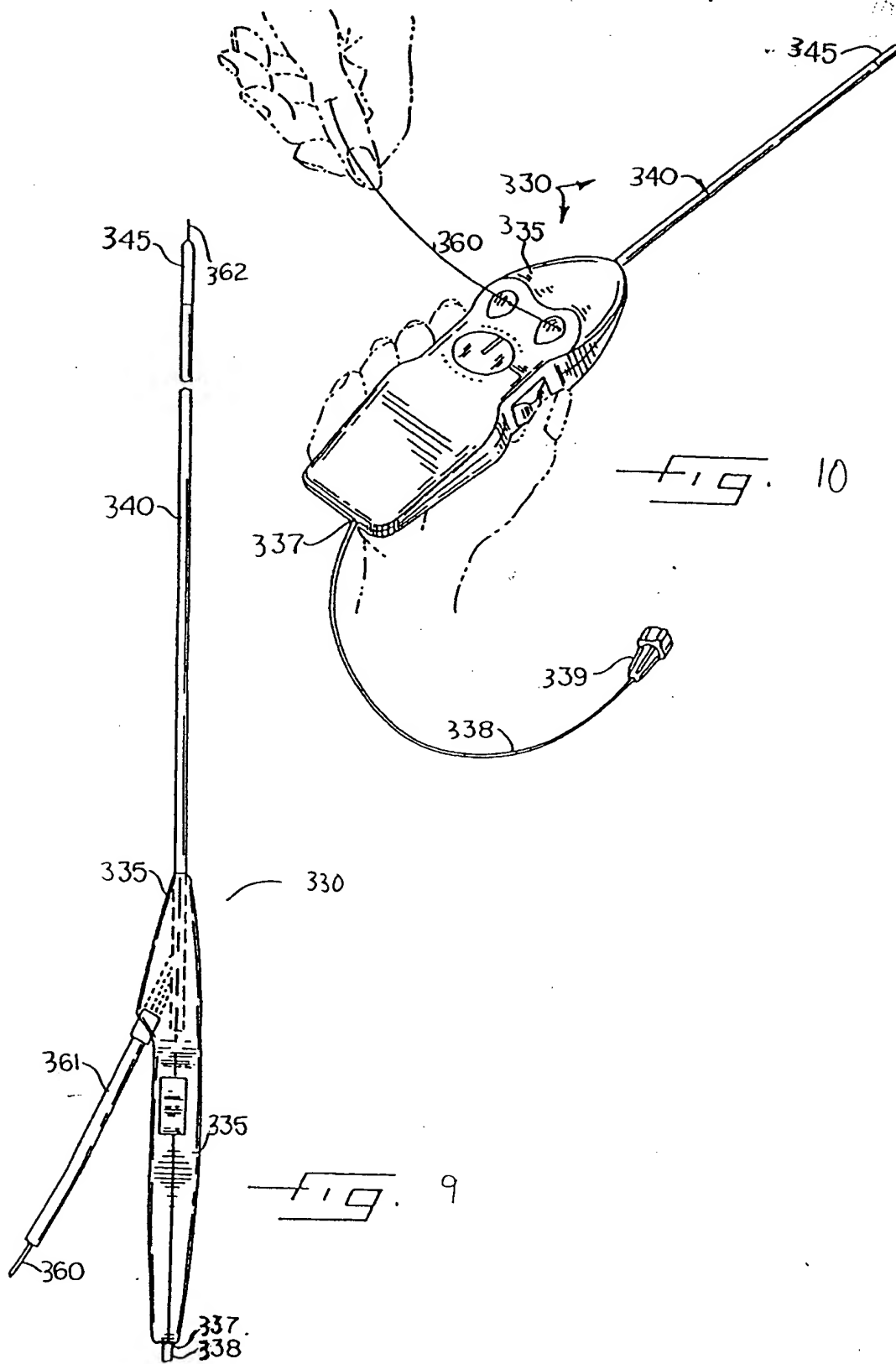


FIG. 6

FIG. 8



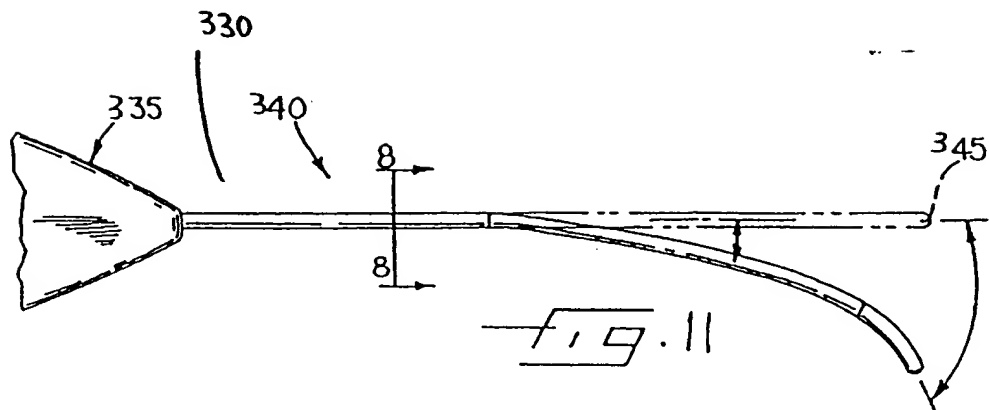
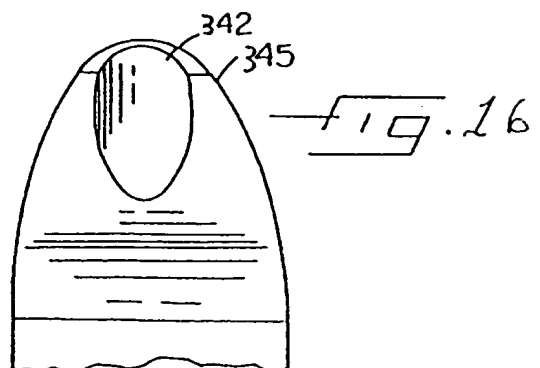
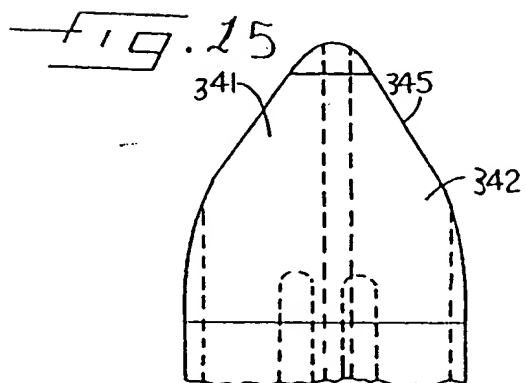
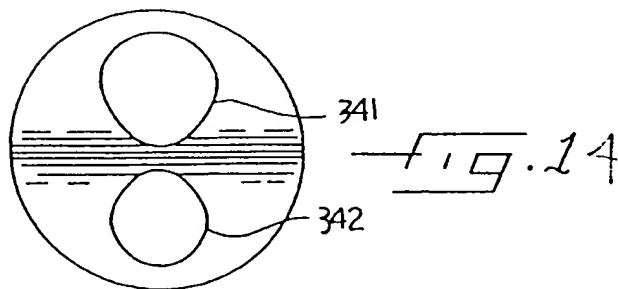
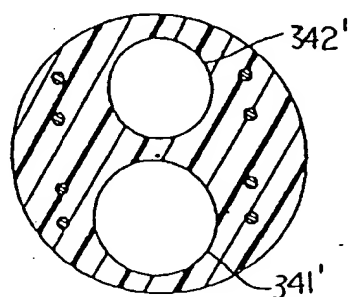
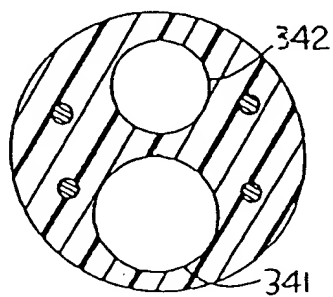


FIG. 12



202502240600

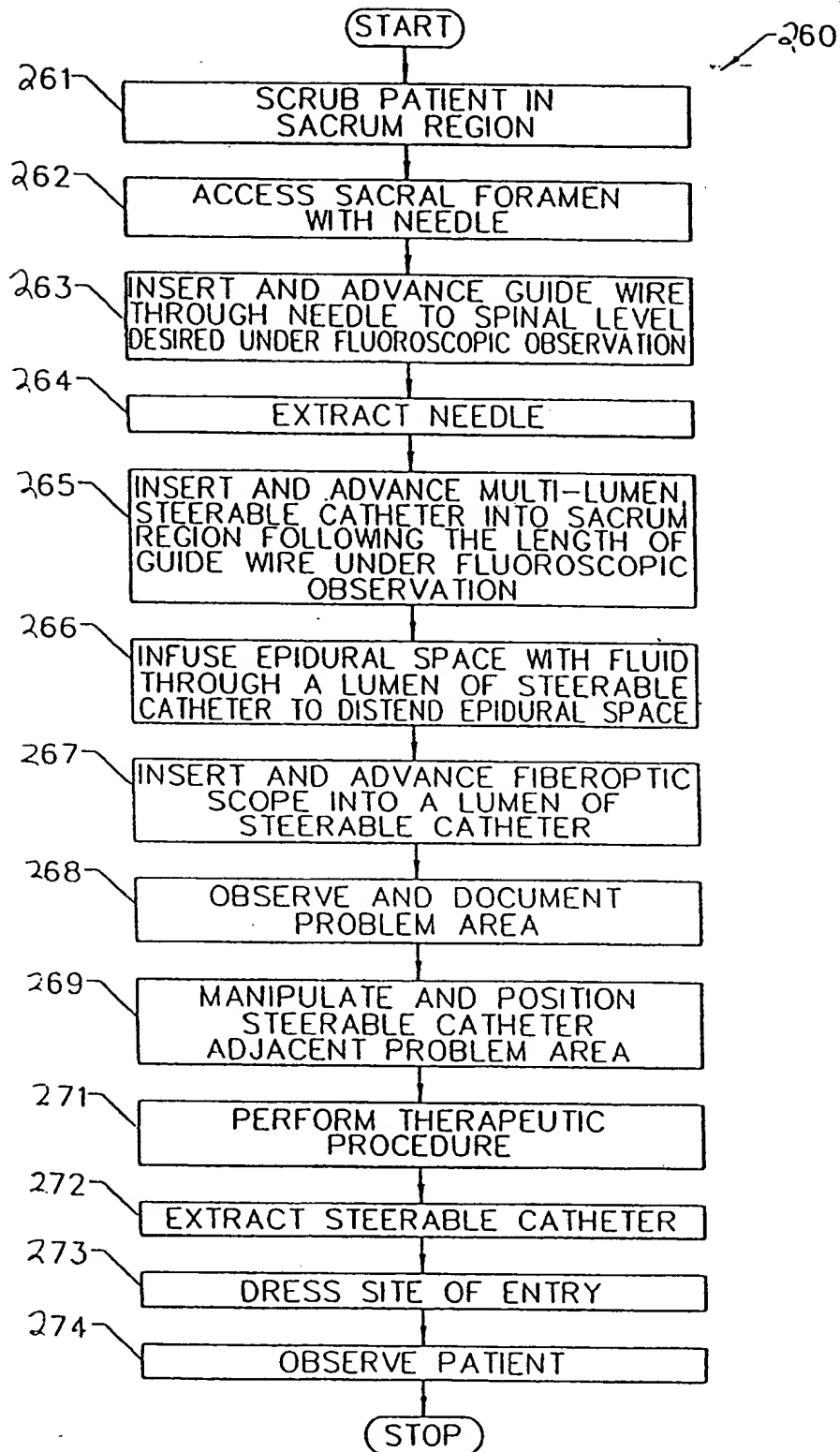


FIG. 17.

START

281- SCRUB PATIENT IN
LUMBAR REGION

282- INSERT NEEDLE INTO INTERSPINAL
SPACE USING LOSS OF
RESISTANCE TECHNIQUE

283- CONFIRM EPIDURAL SPACE

284- INSERT AND ADVANCE GUIDE WIRE
THROUGH NEEDLE TO SPINAL LEVEL
DESIRED UNDER FLUOROSCOPIC OBSERVATION

285- EXTRACT NEEDLE

286- INSERT AND ADVANCE MULTI-LUMEN,
STEERABLE CATHETER INTO LUMBAR
REGION FOLLOWING THE LENGTH OF
GUIDE WIRE UNDER FLUOROSCOPIC
OBSERVATION

287- INFUSE EPIDURAL SPACE WITH FLUID
THROUGH A LUMEN OF STEERABLE
CATHETER TO DISTEND EPIDURAL SPACE

288- INSERT AND ADVANCE FIBEROPTIC
SCOPE INTO A LUMEN OF
STEERABLE CATHETER

289- OBSERVE AND DOCUMENT
PROBLEM AREA

291- MANIPULATE AND POSITION
STEERABLE CATHETER
ADJACENT PROBLEM AREA

292- PERFORM THERAPEUTIC
PROCEDURE

293- EXTRACT STEERABLE CATHETER

294- DRESS SITE OF ENTRY

295- OBSERVE PATIENT

STOP

FIG. 18.

2025-03-04 10:00:00

2024000246660

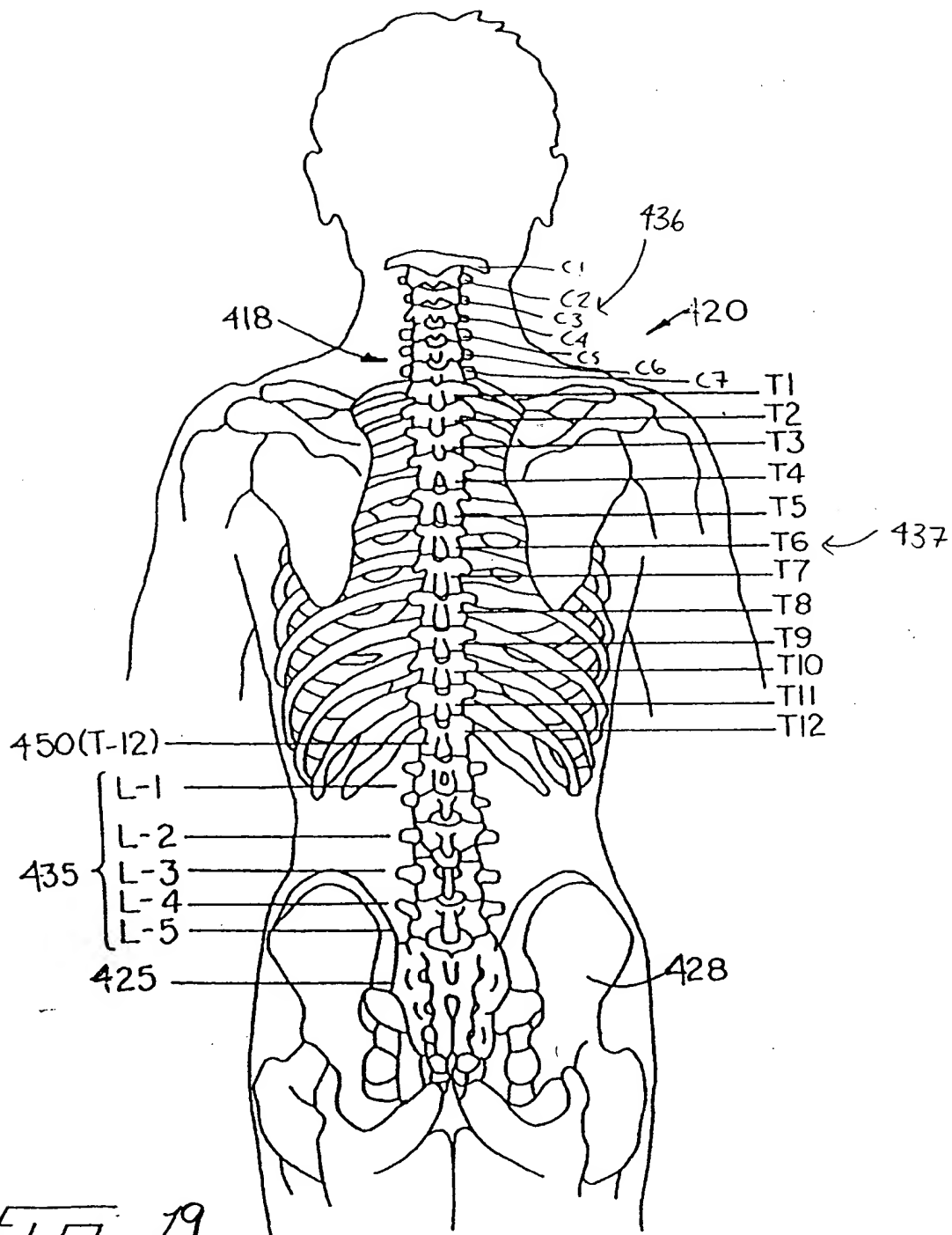


Fig. 19

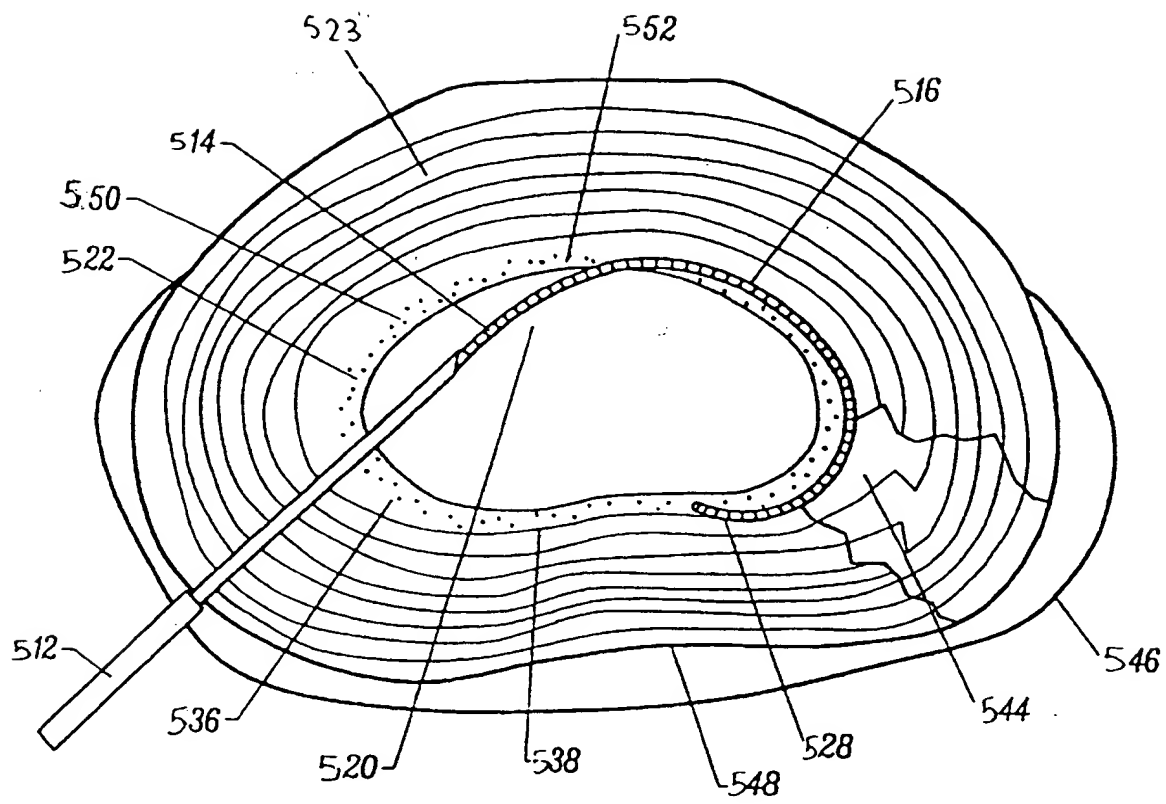


FIG. 20